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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032
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UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No.		TI-36146			
First Inventor		Hoon, et al.			
Title	A Regulat Output Sw	ed Cascode Current Source with Wide ring			
Express Mail Label No.		EV 396902206 US			

(Only for new nonprovisional applications under 37 CFR 1.53(b)) Commissioner for Patents APPLICATION ELEMENTS ADDRESS TO: Mail Stop: Patent Application See MPEP chapter 600 concerning utility patent application contents P O Roy 1450 Alexandria VA 22313-1450 Fee Transmittal Form (e.g., PTO/SB/17) CD-ROM or CD-R in duplicate, large table or Х (Submit an original and a duplicate for fee processing) Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission Applicant claims small entity status. 2. See 37 CFR 1.27. (if applicable, all necessary) Specification [Total Pages 3. Х 20 Computer Readable Form (CRF) (preferred arrangement set forth below) h Specification Sequence Listing on: - Descriptive title of the invention - Background of the Invention CD-ROM or CD-R (2 copies); or i. - Brief Summary of the Invention ii. - Brief Description of the Drawings (if filed) paper - Detailed Description Statements verifying identity of above copies Claim(s) - Abstract of the Disclosure ACCOMPANYING APPLICATION PARTS 9. Х Assignment Papers (cover sheet & document(s)) 37 CFR 3.73(b) Statement Power of 10. (when there is an assignee) Attorney Drawing(s) (35 U.S.C. 113) 5 English Translation Document (if applicable) Total Sheets 11. Information Disclosure Copies of IDS Oath or Declaration [Total Sheets 12. Statement (IDS)/PTO-1449 Citations Χ Newly executed (original or copy) a. 13. Preliminary Amendment Copy from a prior application (37 CFR 1.63 (d)) Two (2) Return Receipt Postcards (MPEP 503) (Should be specifically itemized) 14. (for continuation/divisional with Box 18 completed) DELETION OF INVENTOR(S) Certified Copy of Priority Document(s) i. 15. Signed statement attached deleting inventor(s) (if foreign priority is claimed) Request and Certification under 35 U.S.C. 122 named in the prior application, see 37 CFR 16 1.63(d)(2) and 1.33(b). (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. Application Data Sheet. See 37 CFR 1.76 17. Other: 18 If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No.: Prior application information: Examiner Group Art Unit: For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS 23494 Customer Number Correspondence address below Name Ron Neerings Texas Instruments Incorporated Address P. O. Box 655474 M/S 3999

Country	US	Telephone -	972-917-5440	Fax	972-917-4418
Name (Print/type)	Ira S. Matsil	R	Registration No. (Attorn	ey/Agent)	35,272
Signature	91145			Date	November 19, 2003
					

Texas

Zip Code

75265

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Mail Stop: Patent Application, P. O. Box 1450, Alexandria, VA 22313-1450.

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FEE	TR	AN	SMI	TTAL
	for	FY	200	3

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant Claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$)	936.	00
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Complete if Kn wn					
Application Number	TBD				
Filing Date	Herewith				
First Named Inventor	Hoon, et al.				
Examiner Name	TBD				
Group Art Unit	TBD				
Attorney Docket No.	TI-36146				

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)					
Check Credit card Money Other None	3. ADDITIONAL FEES					
	Large I		Small I			
X Deposit Account	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
Deposit Account 20-0668	1051	130	2051	65	Surcharge – late filing fee or oath	
Number Deposit Account Name Texas Instruments Incorporated	1052	50	2052	25	Surcharge – late provisional filing fee or cover sheet	
The Commissioner is authorized to: (check all that apply)	1053	130	1053	130	Non-English specification	
X Charge fee(s) indicated below X Credit any overpayments	1812	2.520	1812	2,520	For filing a request for ex parte reexamination	
X Charge any additional fee(s) during the pendency of this application	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
Charge fee(s) indicated below, except for the filing fee	1805	1,840*	1805	1.840*	Requesting publication of SIR after	
to the above-identified deposit account.	4	1,040	1000	1,040	Examiner action	
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month	
1. BASIC FILING FEE	1252	410	2252	205	Extension for reply within second month	
Large Entity Small Entity	1253	930	2253	465	Extension for reply within third month	
Fee Fee Fee Fee Description Fee Paid	1254	1,450	2254	725	Extension for reply within fourth month	-
1001 750 2001 375 Utility filing fee 770.00	1255	1,970	2255	985	Extension for reply within fifth month	
1002 330 2002 165 Design filing fee	1401	320	2401	160	Notice of Appeal	
1003 520 2003 260 Plant filing fee	1402	320	2402	160	Filing a brief in support of an appeal	
1004 750 2004 375 Reissue filing fee	1403	280	2403	140	Request for oral hearing	
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding	
	1452	110	2452	55	Petition to revive – unavoidable	
SUBTOTAL (1) (\$) 770.00	1453	1,300	2453	650	Petition to revive – unintentional	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,300	2501	650	Utility issue fee (or reissue)	
Fee from Ext <u>ra Clai</u> ms below Fee Paid	1502	470	2502	235	Design issue fee	
Total Claims 27 -20**= 7 x 18 = 126.00	1503	630	2503	315	Plant issue fee	
Independent 3 - 3**= 0 × 86 = 0.00	1460	130	1460	130	Petitions to the Commissioner	
Multiple Dependent =	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
Large Entity Small Entity	1806	180	1806	180	Submission of Information Disclosure Stmt	
Fee Fee Code (\$) Fee Description	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40.00
1202 18 2202 9 Claims in excess of 20	1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))	
1201 84 2201 42 Independent claims in excess of 3	1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))	
1203 280 2203 140 Multiple dependent claim, if not paid	1801	750	2801	375	Request for Continued Examination (RCE)	
1204 84 2204 42 **Reissue independent claims over original patent	1802	900	1802	900	Request for expedited examination of a design application	
1205 18 2205 9 **Reissue claims in excess of 20 and over original patent]	·				
SUBTOTAL (2) (\$) 126.00	Other fe	e (specif	y)			
** or number previously paid, if greater; For Reissues, see above	*Reduced	l by Basic	Filing Fee	Paid	SUBTOTAL (3) (\$) 40.0	b

SUBMITTED BY	(if applicable)				
Name (Print/Type)	Ira S. Matsil	Registration No. (Attorney/Agent)	35,272	Telephone	972-732-1001
Signature	Y NA	F		Date	November 19, 2003

WARNING: Informati n on this form may bec me public. Credit card inf rmation should n t be included n this f mm. Pr vide credit card information and auth rization n PTO-2038.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

Hoon, et al.

Docket No.:

TI-36146

Serial No.:

TBD

Art Unit:

TBD

Filed:

HEREWITH

Examiner:

TBD

For:

A Regulated Cascode Current Source with Wide Output Swing

Certificate of Mailing via Express Mail

EXPRESS MAIL mailing label number: EV 396902206 US

Date of Deposit:

November 19, 2003

I hereby certify that the following documents, which are enclosed, are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above in an envelope addressed to: Mail Stop: Patent Application, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450:

Certificate of Mailing via Express Mail (1 page)

Utility Patent Application Transmittal (1 page)

Fee Transmittal (1 original and 1 copy = 2 pages)

Complete Copy of Patent Application (25 pages), to include:

Specification (20 pages)

Drawings (5 pages)

Declaration and Power of Attorney (1 page)

Assignment Recordation Cover Sheet (1 page)

Copy of Original Signed Assignment(s) (1 page)

Return Postcards (2)

Respectfully submitted,

Dusty Dudley

Legal Assistant

Slater & Matsil, L.L.P. 17950 Preston Rd., Suite 1000 Dallas, Texas 75252-5793

Tel: 972-732-1001 Fax: 972-732-9218